



San Jose/Santa Clara WPCP

2012 Clean Watersheds Needs Survey

Point of Contact: San Jose, City of, Environmental Services Depart.
4082775540 CARL.MOSHER@CI.SJ.CA.US

CWNS Number: 06002041001

Permit Number(s): CA0037842*

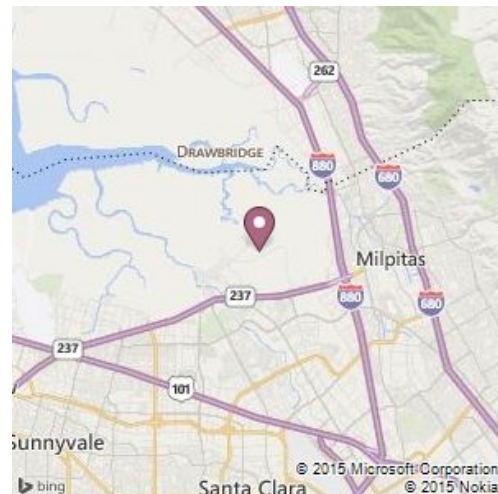
County: Santa Clara (Primary)

Watershed(s): Coyote (Primary)

Congressional District: 17th CONGRESSIONAL DISTRICT (Primary)

Address: 700 LOS ESTEROS ROAD, SAN JOSE, CA,95134-1099

Total Documented Needs:** \$66,604,263



Facility Description

Type	Present	Projected	Changes Needed
Collection: Separate Sewers	Y	Y	Rehabilitation, Replacement, Process Improvement, Instrumentation/Electrical/Laboratory
Onsite Wastewater Treatment System	Y	Y	No Change
Treatment Plant	Y	Y	Rehabilitation, Replacement, Process Improvement

* Denotes National Pollution Discharge Elimination System (NPDES) permit.

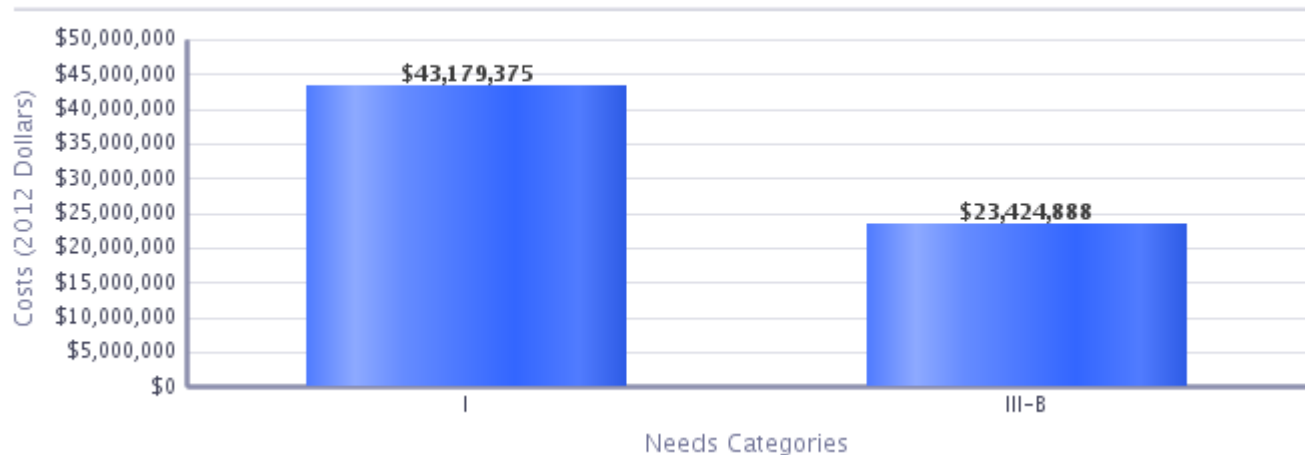
** The Clean Watersheds Needs Survey (CWNS) provides a comprehensive assessment of the unfunded needs to meet the water quality and water-related public health goals of the Clean Water Act (CWA). The Survey is a "snapshot" of data and needs; needs are of January 1, 2012, and all the costs are in January 2012 dollars.



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Documented Needs



Needs Categories:

- Secondary Treatment (I)
- Replace/Rehab of Sewers (III-B)

Note: In the CWNS 2012 Report to Congress, categories I-VI, X needs are reported as "Official Needs" and Category XII is reported as "Other Documented Needs".

Population Information

	Resident Population			Non-Resident Population		
	Present	Projected	Projected Year	Present	Projected	Projected Year
From this system	931,000	975,000	2010	175,000	170,000	2010
From upstream collection system(s)	395,938	447,364		45,000	60,000	
Total Receiving Treatment	1,326,938	1,422,364		220,000	230,000	
Onsite wastewater treatment systems	3,500	2,000				
Total	1,330,438	1,424,364		220,000	230,000	



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Flow Information

Flow Type	Millions of Gallons per Day (MGD)		
	Existing	Present Design	Future Design
Municipal Flow	133	167	167
Industrial Flow	10.3		
Infiltration from Groundwater			
Total Flow	143.3	167	167
Wet Weather Flow (Peak)	320		400
Flow to Population Ratio Flow	98.2	114.5	107

Discharge Information

Method	Present (Flow Portion %)	Projected (Flow Portion %)
Outfall To Surface Waters	Y (90%)	Y (90%)
Reuse: Irrigation	Y (10%)	Y (10%)

Effluent Information

	Present	Projected
Treatment Level	Advanced Treatment	Advanced Treatment
BOD (Biochemical Oxygen Demand)	Y	Y
Ammonia Removal	Y	Y



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Pollution Problems & 303(d) Impaired Waters Information

No information reported.

Unit Process

Unit Process	Present	Projected	Backup	Change	Planned Year	Additional Notes
Preliminary						
Screen (Bar Rack and Coarse)	Y	Y		No Change		
Primary						
Sedimentation, Primary	Y	Y		No Change		
Secondary						
Activated Sludge, Conventional	Y	Y		No Change		
Advanced						
Filter (Activated Bio-)	Y	Y		No Change		
Disinfection						
Dechlorination	Y	Y		No Change		
Solids Handling						
Ultraviolet Radiation						

Visit www.epa.gov/cwns for more information including:

- Detailed Reports to Congress
- State fact sheets
- Category and data definitions
- Maps, charts, and data downloads for watersheds, counties, congressional districts, states, and regions